



Validation of alternative analysis methods

NF102 – Application to the food industry

# Certificate

Certificat No.: **3M 01/07-03/99**

Renewal decision dated: 27-11-2014

Expiry date: 23-03-2019

The Company:

**3M Health Care**  
Food Safety Department  
2501 Hudson Road, Building 275 5W 05  
St Paul, MN 55144-IWO - United States

Is authorized to affix the NF VALIDATION mark on the alternative analysis method cited below, in accordance with the NF VALIDATION general rules and the certification rules NF102 - Validation of alternative analysis methods (Application to the food industry):

## 3M™ Petrifilm™ High Sensitivity Coliforms Count (HSCC) Plate

Validated for the enumeration of gas forming colonies

Technical sheet reference's

34-8720-6785-4

This decision attests that the alternative analysis method has been assessed by AFNOR Certification and found to conform to the standards cited in page 2/2 and complementary requirements, as specified in the certification reference document. The **principal certified characteristics** are the "analytical performances" as defined in the associated validation study summarized report (linearity, relative accuracy...), available on the certification dedicated website <http://nf-validation.org/en>.

This certificate supersedes all previous certificates (last version dated 05-11-2015). This NF VALIDATION certificate, included 2 pages, is valid until **23<sup>rd</sup> March 2019**. It is subject to the results obtained upon regular controls carried out by AFNOR Certification. Appropriate decision is made by AFNOR Certification in accordance with the NF VALIDATION general rules and certification rules NF102 - Validation of alternative analysis methods (Application to the food industry).



Managing Director  
Franck LEBEUGLE

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The alternative analysis method:

## 3M™ Petrifilm™ High Sensitivity Coliforms Count (HSCC) Plate

Validated for the enumeration of gas forming colonies

Manufactured by:

**3M Health Care**  
3M Brookings  
601, 22<sup>nd</sup> Avenue South  
Brookings, South Dakota 57006 - United States

Has been certified according to the reference documents and the application scope specified here after:

Validation protocol	<b>NF EN ISO 16140</b> (October 2003): Microbiology of food and animal feeding stuffs. Protocol for the validation of alternative methods.
Reference method(s)	<b>NF ISO 4831</b> (October 2006): Microbiology of food and animal feeding stuffs. Horizontal method for the detection and enumeration of coliforms - Most probable number technique. <b>NF ISO 4832</b> (July 2006): Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony count technique.
Scope	All human food products.
Restriction(s)	None.
Warning	None.
Other informations	Non applicable.

Please send any queries concerning the performances of the certified alternative method to AFNOR Certification.

You may download the validation study summarized report on <http://nf-validation.afnor.org/en>.